

AMENDMENTS TO THE CLAIMS

Claims 1-24 (Canceled).

25. (Currently Amended): A conductive line comprising:

a small diameter tubing having an outer diameter and an inner diameter, the tubing having an outer diameter between 1/8"-1/2"; and

one or more optical fibers extending through the inner diameter of the tubing, the one or more optical fibers having a helical pitch configuration inside the tubing sufficient to provide frictional hold-up force between the outer surface of the one or more optical fibers and the inner surface of the tubing for the one or more optical fibers to support its weight in the tubing and so that the one or more optical fibers have a length longer than the tubing in which the one or more optical fibers extend.

26. (Previously Presented): The conductive line of claim 25, further including one or more insulated conductor wires extending along the inner diameter of the tubing.

27. (Previously Presented): The conductive line of claim 26, wherein the one or more insulated conductor wires have a helical configuration inside the tubing so that the one or more insulated conductor wires have a length longer than the tubing in which the one or more insulated conductor wires extend.

28. (Previously Presented): The conductive line of claim 25, wherein the tubing is at least 1,000 ft. in length.

29. (Previously Presented): The conductive line of claim 26, wherein the tubing has an inner diameter less than about two-times the diameter of the one or more insulated conductor wires.

30. (Previously Presented): The conductive line of claim 25, wherein the tubing is formed of stainless steel.

31. (Previously Presented): The conductive line of claim 25, wherein the tubing is formed of a nickel alloy.

32. (Previously Presented): The conductive line of claim 25, wherein the tubing is coiled tubing.

33. (Previously Presented): The conductive line of claim 25, wherein the one or more optical fibers inside the tubing is supported through frictional interface between an outer surface of the one or more optical fibers and an inner surface of the tubing.

34. (Previously Presented): The conductive line of claim 25, further comprising an elongated weight connected to the optical fiber.

35. (Previously Presented): The conductive line of claim 34, wherein the weight is formed of a chain having interconnected links.

36. (Previously Presented): The conductive line of claim 35, wherein the chain is roll-formed and has a minimum bend radius.

37. (Previously Presented): The conductive line of claim 35, wherein the chain has minimum bend radius of about 1/4"-24".

38. (Previously Presented): The conductive line of claim 34, wherein the weight having an elongated segmented structure to the leading end of the conductor and inserting the weight into the tubing.